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MHH Shen - International Journal of Fatigue, 1999 - Elsevier

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[PDF] ➤ Application of the US high cycle **fatigue** data base to wind turbine blade lifetime predictions

HJ Sutherland, JF Mandell - Energy Week 1996, Book VIII: Wind Energy - sandia.gov

... To illustrate the use of these data, a **Goodman Diagram** is used by the LIFE2 **fatigue analysis** code [Sutherland and Schluter, 1989] for wind turbines to analyze ...

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Critical issues in high cycle fatique

T Nicholas - International Journal of Fatigue, 1999 - Elsevier

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or Goodman diagram) to cases ... In fretting fatigue, the contact region (Fig ...

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RPL Nijssen, DRV Van Delft, AM Van Wingerde - Journal of Solar Energy Engineering, 2002 - link.aip.org ... J. **Fatigue** 22, pp. ... Relation between SN-curve and constant life **diagram**. ... Results of lifetime prediction with log-log SN-curve and linear **Goodman diagram**. ...

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[воок] Design and analysis of fatigue resistant welded structures

D Radaj - 1990 - books.google.com

... At the same time, **fatigue** strength **analysis** and assessment for welded structures require great expertise with respect to methods and use of data. ...

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Practical design and performance of the stressed-lap polishing tool

SC West, HM Martin, RH Nagel, RS Young, WB Davison ... - Applied Optics, 1994 - opticsinfobase.org ... performed an **analysis** of lifetime for the most severe ... A conservative estimate for sinusoidal cyclic **fatigue** failure is based on the **Goodman diagram** shown in ...

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A phenomenological model for off-axis **fatigue** behavior of unidirectional polymer matrix composites ...

M Kawai - Composites Part A, 2004 - Elsevier

... Moreover, the **Goodman diagram** approach has not been fully justified in its predictions of ... although it is applicable in principle to the **fatigue analysis** of any ...

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Effect of mean stress on the damage of wind turbine blades- sandia.gov (Por)

HJ Sutherland, JF Mandell - Journal of Solar Energy Engineering, 2004 - link.aip.org

... To illustrate the effect of the updated **Goodman diagram** on the **fatigue analysis** of wind turbine blades, the experimentally determined load spectra from the ...

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An irreversible cohesive zone model for interface fatigue crack growth simulation

KL Roe, T Siegmund - Engineering fracture mechanics, 2003 - Elsevier

... loading for a range of prescribed mean stress levels, as summarized in S–N and **Goodman** diagrams. 2. Influence of damage accumulation on **fatigue** failure in ...

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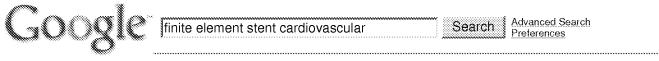
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Lally, C, Dolan, F, Prendergast, PJ, **Cardiovascular stent** design and blood vessel stress: a **finite element** analysis, J. Biomech., 38, 2005, 1574 ... atlantica.ucd.ie/WORKSHOPS/ACAM-workshops2/node9.html - 14k - Cached - Similar pages

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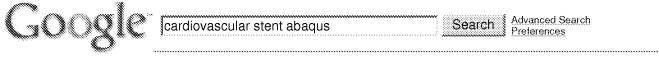
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R Zannoli, I Corazza, A Cremonesi, A Branzi - Journal of Biomechanics, 2007 - Elsevier ... interventions is that the **stent**/net placements ... During the ventricular **systolic** phase, the partial ... a mock, physiologically normal **cardiovascular** system (Chung ... Related articles - Web Search - All 7 versions

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JL Berry, A Santamarina, JE Moore, S Roychowdhury, ... - Annals of Biomedical Engineering, 2000 - Springer ... Vascular stents are being used in increasing numbers to correct ... move back up- stream

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AR Pelton, V Schroeder, MR Mitchell, XY Gong, M ... - Journal of the Mechanical Behavior of Biomedical Materials, 2008 - Elsevier

... After implantation, the fatigue performance due to the cardiac cycle is determined by the **stent** diameter at **systolic** and **diastolic** pressures. ...

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